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09/715,035

**REMARKS**

Upon entry of this Supplemental Amendment, claims 20-30 will be pending. Reconsideration and allowance of the claims is respectfully requested.

Applicants have amended the claims to conform to suggestions made by the Examiner in a telephone conference held June 21, 2002. Support for the amended claims can be found throughout the application as filed, particularly at pages 3-5 of the specification, and the claims as originally filed. None of the amendments described above add new matter to the application and their entry is therefore respectfully requested.

In view of the foregoing, Applicants respectfully submit that the application is in condition for allowance. Notification to that effect is earnestly solicited. Should questions regarding the patentability of the claims remain, the Examiner is invited to telephone the undersigned to discuss the same.

Respectfully submitted,

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Enclosure: Appendix

**APPENDIX**  
**MARK UP VERSION SHOWING CHANGES MADE**

**IN THE CLAIMS:**

The claims have been amended as indicated below.

20. (Amended) An isolated polynucleotide consisting of a nucleotide sequence encoding a protein with an amino acid sequence [consisting essentially of] comprising that of SEQ ID NO:2, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.
21. (Amended) An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 70% identical to that of SEQ ID NO:2 and wherein said protein has [essentially the same] phosphofructokinase enzymatic activity [as the protein of SEQ ID NO:2].
22. (Amended) An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 80% identical to that of SEQ ID NO:2 and wherein said protein has [essentially the same] phosphofructokinase enzymatic activity [as the protein of SEQ ID NO:2].
23. (Amended) An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 90% identical to that of SEQ ID NO:2 and wherein said protein has [essentially the same] phosphofructokinase enzymatic activity [as the protein of SEQ ID NO:2].
24. (Amended) An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 95% identical to that of SEQ ID NO:2 and wherein said protein has [essentially the same] phosphofructokinase enzymatic activity [as the protein of SEQ ID NO:2].

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25. (Amended) An isolated polynucleotide [consisting essentially of] the nucleotide sequence of nucleotides 143 - 1171 of SEQ ID NO:1, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.
26. (Amended) An isolated polynucleotide [consisting essentially of] comprising the nucleotide sequence of SEQ ID NO:1, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.